

1 1. (currently amended) A method of aggregating a plurality of entries in a table in a database
2 management system into an aggregated entry in the table or another table in the database
3 management system, the method comprising the steps of:
4 making the aggregated entry, the aggregated entry representing the plurality of entries
5 and including a field whose value is a representation of a set, the representation specifying
6 individual members of the set that is capable of having a plurality of members; and
7 deriving the individual members of the set specified in the representation of the set from
8 values contained in entries belonging to the plurality thereof.

1 2. (original) The method set forth in claim 1 further comprising the step of:
2 deleting the plurality of entries represented by the aggregated entry.

1 3. (currently amended) The method set forth in claim 1 wherein:
2 the representation of the set has a size which varies with the number of members ~~in the~~
3 set specified in the representation.

1 4. (original) The method set forth in claim 3 wherein:
2 The representation of the set represents the set as a character string wherein each
3 member is represented by a sequence of characters and the sequences of characters are
4 separated by a separator character.

1 5. (original) The method set forth in claim 1 wherein:
2 the representation of the set has a size which is constant regardless of the number of
3 members in the set.

1 6. (original) The method set forth in claim 5 wherein:
2 the representation of the set represents the set as a string of elements, there being an
3 element corresponding to each potential member of the set, the presence of a particular
4 member in the set being indicated by a first value of the corresponding element and the

5 absence of the particular member being indicated by a second value of the corresponding
6 element.

1 7. (original) The method set forth in claim 1 wherein:
2 in the step of deriving members of the set, the values from which the members of the
3 set are derived are time values.

1 8. (original) The method set forth in claim 1 wherein:
2 in the step of deriving members of the set, the values from which the members of
3 the set are derived are location values.

1 9. (cancelled)

1 10. (cancelled)

1 11. (cancelled)

1 12. (cancelled)

1 13. (cancelled)

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1 15. (cancelled)

1 16. (cancelled)

1 17. (cancelled)

1 18. (cancelled)

1 19. (cancelled)

1 **20. (cancelled)**

1 **21. (cancelled)**

1 **22. (cancelled)**

1 **23. (cancelled)**

1 **24. (cancelled)**

1 **25. (currently amended)** A data storage device, characterized in that:

2 the data storage device contains code which when executed by a processor performs a
3 method of aggregating a plurality of entries in a table in a database management system into an
4 aggregated entry in the table or another table in the database management system, the method
5 comprising the steps of:

6 making the aggregated entry, the aggregated entry representing the plurality of entries
7 and including a field whose value is a representation of a set ~~that is capable of having a~~
8 plurality of members, the representation specifying individual members of the set; and
9 deriving the individual members of the set specified in the representation of the set from
10 values contained in entries belonging to the plurality thereof.

1 **26. (original)** The data storage device set forth in claim 25 further characterized in that:

2 the method further comprises the step of
3 deleting the plurality of entries represented by the aggregated entry.

1 **27. (currently amended)** The data storage device set forth in claim 25 further characterized in
2 that:

3 the representation of the set has a size which varies with the number of members ~~in the~~
4 set specified in the representation.

1 **28. (original)** The data storage device set forth in claim 27 further characterized in that:

2 The representation of the set represents the set as a character string wherein each
3 member is represented by a sequence of characters and the sequences of characters are
4 separated by a separator character.

1 **29. (original)** The data storage device set forth in claim 25 further characterized in that:
2 the representation of the set has a size which is constant regardless of the number of
3 members in the set.

1 **30. (original)** The data storage device set forth in claim 29 further characterized in that:
2 the representation of the set represents the set as a string of elements, there being an
3 element corresponding to each potential member of the set, the presence of a particular
4 member in the set being indicated by a first value of the corresponding element and the
5 absence of the particular member being indicated by a second value of the corresponding
6 element.

1 **31. (original)** The data storage device set forth in claim 25 further characterized in that:
2 in the step of deriving members of the set, the values from which the members of the
3 set are derived are time values.

1 **32. (original)** The data storage device set forth in claim 25 further characterized in that:
2 in the step of deriving members of the set, the values from which the members of the
3 set are derived are location values.

33. (cancelled)

5 **34. (cancelled)**

35. (cancelled)

36. (cancelled)

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38. (cancelled)

OID-2002-247-01

39. (cancelled)

40. (cancelled)

41. (cancelled)

42. (cancelled)

5 43. (cancelled)

44. (cancelled)

45. (cancelled)

46. (cancelled)

47. (cancelled)

48. (cancelled)